

Converting Colors

Hex(228A8E)

Have a look what the booklet for
Hex(228A8E) contains.

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Color

Hex(228A8E)

Conversions

Conversions Part 1

Format	Color
Hex	228A8E
RGB	34, 138, 142
RGB Percent	13%, 54%, 56%
CMY	0.8667, 0.4588, 0.4431
CMYK	0.76, 0.03, 0.00, 0.44
HSL	182°, 61%, 35%
HSV	182°, 76%, 56%
XYZ	14.6307, 20.4700, 28.7712
YIQ	107.3600, -63.2680, -20.8040

Conversions

Conversions Part 2

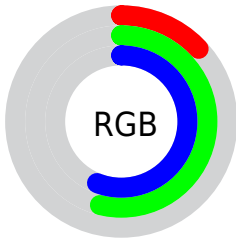
Format	Color
RYB	34, 87, 142
Decimal	2263694
CIELab	52.36, -26.71, -10.47
CIELCh	52, 28.688, 201.405
Yxy	20.4700, 0.2291, 0.3205
Android (android.graphics.Color)	4280453774 (0xFF228A8E)
YUV	107.3600, 17.0775, -64.3367
Hunter-Lab	45.2438, -21.4545, -6.0327




Details

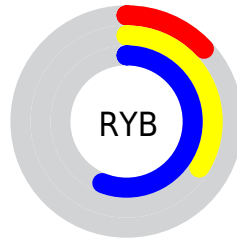
The Hex color **228A8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E2622**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **62C0C4**, and **00575C** is the 20% darker color. If you saturate the color by 10%, you get **14898E**, and if you desaturate by 10%, it is **308B8E**.

Distribution







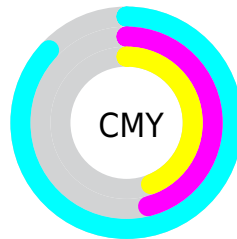
-  Red (13%)
-  Green (54%)
-  Blue (56%)






-  Red (13%)
-  Yellow (34%)
-  Blue (56%)



-  Cyan (76%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (87%)
-  Magenta (46%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228A8E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 228A8E by changing the saturation by 10% instead.

■ 228A8E

■ 228A8E

FFFFFF

■ 007074

■ 62C0C4

■ 00575C

■ 7FDCE0

■ 004044

■ 9BF9FC

■ 00292E

■ B8FFFF

■ 00101A

■ D6FFFF

■ 000000

■ F3FFFF

■ 228A8E

■ 228A8E

■ 14898E

■ 308B8E

06898E

3E8B8E

00898E

4D8C8E

5B8C8E

698D8E

778D8E

858E8E

948E8E

A28F8E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



408A75



228A8E



2787A3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228A8E



95709C



94794C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



228A8E



8E2622

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A67157



228A8E



A86B85

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228A8E



7679AB



AD6B6C



7B814E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228A8E



4084AB



AD6B6C



9B764F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



228A8E



8DB6B8



228E26



425B5C



DBDBDB



5C5C5C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



228A8E



11B1B8



22548E



404747



008287



000708

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E228A



B811B1



8E5C22



474047



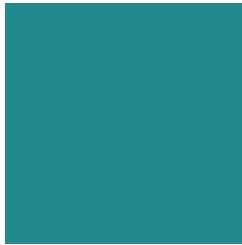
870082



080007

Previews

White Background



This preview shows how the Hex color 228A8E looks on a white background.

Color Contrast Check

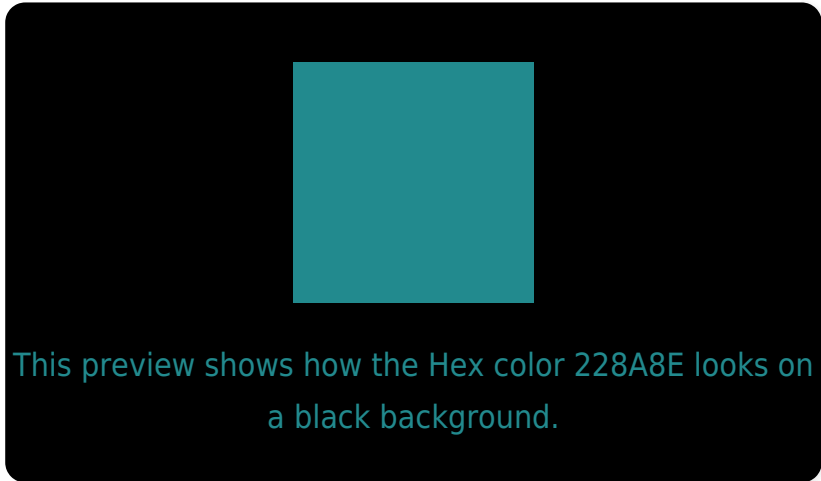
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

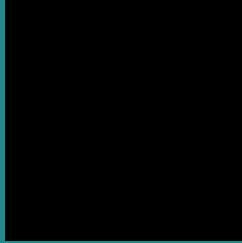
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 228A8E Background



This preview shows how black text looks on a background with the Hex color 228A8E.

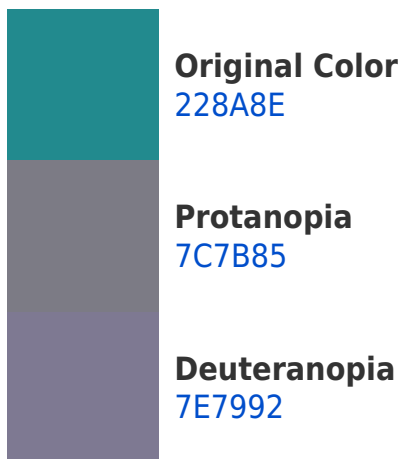


This preview shows how white text looks on a background with the Hex color 228A8E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
278994

Trichromacy



Original Color
228A8E

Protanomaly
5B8088

Deuteranomaly
5D7F91

Tritanomaly
258992

Monochromacy



Original Color
228A8E

Achromatopsia
6B6B6B

Achromatomaly
507678

CSS Examples

Text

The CSS property to change the color of the text to Hex 228A8E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #228A8E looks like.

```
.text, #text, p{  
    color:#228A8E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #228A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228A8E
}
```

Border

The CSS property to change the border of an element to Hex 228A8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#228A8E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#228A8E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #228A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228A8E; -webkit-box-shadow:4px 4px  
4px 4px #228A8E; box-shadow:4px 4px 4px  
4px #228A8E }
```

Background

The CSS property to change the background color of an element to Hex 228A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228A8E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#228A8E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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